### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

24628

7590

06/14/2004

WELSH & KATZ, LTD 120 S RIVERSIDE PLAZA 22ND FLOOR CHICAGO, IL 60606



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Edward P. Gamson, Eso.	(Depositor's name)
The ( Canad	(Signature)
July 8, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/931,325	08/15/2001	Ashley J. Birkett	ICC-103.1 US 83502	3946

TITLE OF INVENTION: MALARIA IMMUNOGEN AND VACCINE

APPLN. TYPE	SMALL ENTITY	ISSUE FE	E	PUBLICATION FEE	TOTAL F	EE(S) DUE	DATE DUE
nonprovisional	NO	\$1330		\$300	\$	1630	09/14/2004
EXAM	INER	ART UNI	т	CLASS-SUBCLASS	]		
LUCAS, ZA	ACHARIAH	1648		424-268100	-		
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).      Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.      "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.		2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or 2			& KATZ, LTD.		
					2		
		agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.		3			

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY) San Diego, California, USA

Apovia, Inc.

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): X Issue Fee X A check in the amount of the fee(s) is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. Y Publication Fee 22 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-0920 (enclose an extra copy of this form). Advance Order - # of Copies

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) (Date) 7/8/04	07/13/2004 HLE444 00000093 09931325
NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.	01 FC:1501
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.	Repln. Ref: 07/13/2004 HLE444 0012391500 DA#:230920 Name/Number:09931325 FC: 9204 \$68.00 CR

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ashley J. Birkett	)	Attorney Docket:
Serial No.:	09/931,325	)	ICC-103.1 US (4564/83502)
Filed:	August 15, 2001	)	(4304/03302/
For:	Malaria Immunogen and Vaccine	) )	Group Art Unit 1648
Examiner:	Zachariah Lucas	)	

### ISSUE FEE TRANSMITTAL LETTER

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached is the Issue Fee Transmittal Form No. PTOL-85B, in duplicate, our check No. 088249 in the amount of \$1,710.00 for the Issue Fee relating to the issuance of the above-identified U.S. patent application under 37 C.F.R. §1, publication and for an advance order for four (4) patent copies.

The Commissioner is authorized to charge payment of any deficiency in the patent issue fee or credit any overpayment to Deposit Account No. 23-0920. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Edward P. Gamson, Req. No. 29,381

Enclosures
Issue Fee Transmittal Letter
Part B of Transmittal
Issue Fee
Communication

WELSH & KATZ, LTD. 120 South Riverside Plaza, 22nd Floor Chicago, Illinois 60606 Phone (312) 655-1500 Facsimile Number (312) 655-1501

# CERTIFICATE OF MAILING OF ISSUE FEE TRANSMITTAL

I hereby certify that this Issue Fee Transmittal Letter, in duplicate, the attached Issue Fee Transmittal Form PTOL-85B, in duplicate, and the attached Issue Fee check relating to the above-identified U.S. patent application, are enclosed together in an envelope being deposited with the United States Postal Service with sufficient postage as First Class. Mail addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 8, 2004.

Edward P. Gamson, Reg. No. 29,381